

Title (en)

Device for tempering the intake air of a combustion engine

Title (de)

Vorrichtung zur Temperierung der Ansaugluft eines Verbrennungsmotors

Title (fr)

Dispositif d'équilibrage des températures de l'air d'aspiration d'un moteur à combustion

Publication

EP 2154347 A3 20110727 (DE)

Application

EP 09166791 A 20090730

Priority

DE 102008038627 A 20080812

Abstract (en)

[origin: EP2154347A2] The device has a refrigerant cycle system, which has an air conditioning system evaporator (7) for cooling or heating an ambient air for a passenger cell of transport unit or an expansion valve (4,8) for expanding the refrigerant. The compressor has a compressor outlet for delivering highly compressed refrigerant and a compressor inlet for taking low consolidated refrigerant.

IPC 8 full level

F02B 29/04 (2006.01); **B60H 1/00** (2006.01); **F02M 31/20** (2006.01)

CPC (source: EP US)

B60H 1/323 (2013.01 - EP US); **F02B 29/04** (2013.01 - EP); **F02M 31/20** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP)

Citation (search report)

- [A] EP 1342893 A2 20030910 - BEHR GMBH & CO [DE]
- [A] DE 10254016 A1 20040603 - BEHR GMBH & CO KG [DE]
- [A] EP 1911946 A2 20080416 - BEHR GMBH & CO KG [DE]
- [A] DE 10156310 C1 20021128 - WEBASTO THERMOSYSTEME GMBH [DE]
- [AP] EP 1983170 A2 20081022 - BEHR GMBH & CO KG [DE]

Cited by

CN103868268A; FR2999481A1; WO2017005559A1; WO2014090963A1; WO2019073769A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2154347 A2 20100217; **EP 2154347 A3 20110727**; **EP 2154347 B1 20180328**; DE 102008038627 A1 20100218

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